

# Division Word Problems

1. If a teacher has 40 students and wants to divide them into groups of 8, how many groups will there be?

Total no. of students = 40  
 Total students in one group = 8  
 There will be 5 groups.

$$\begin{array}{r} 5 \\ 8 \overline{) 40} \\ \underline{- 40} \\ 00 \end{array}$$

2. A pizza has 16 slices and you want to divide it between 4 people, how many slices will each person get?

Total Pizza slices = 16  
 Total People = 4  
 Each person gets 4 slices.

$$\begin{array}{r} 4 \\ 4 \overline{) 16} \\ \underline{- 16} \\ 00 \end{array}$$

3. If a football team has 40 players and wants to divide them into 4 equal teams, how many players will be on each team?

Total players = 40  
 Total teams = 4  
 10 players will be on each team.

$$\begin{array}{r} 10 \\ 4 \overline{) 40} \\ \underline{- 40} \\ 00 \end{array}$$

4. A bag of candy contains 48 pieces and you want to divide it into 8 equal portions, how many pieces will be in each portion?

Total pieces = 48  
 Total portions = 8  
 Each portion gets 6 pieces.

$$\begin{array}{r} 6 \\ 8 \overline{) 48} \\ \underline{- 48} \\ 00 \end{array}$$

5. A box of crayons contains 64 crayons and you want to divide it into 8 equal portions, how many crayons will be in each portion?

Total crayons = 64  
 Total portions = 8  
 8 crayons will be in each portion.

$$\begin{array}{r} 8 \\ 8 \overline{) 64} \\ \underline{- 64} \\ 00 \end{array}$$

## PARTS OF A DIVISION SENTENCE 2



$$18 \div 2 = 9$$

18 divided by 2 equals 9.

The dividend is 18.

The divisor is 2.

The quotient is 9.

$$20 \div 5 = 4$$

20 divided by 5 equals 4.

The dividend is 20.

The divisor is 5.

The quotient is 4.

$$24 \div 4 = 6$$

24 divided by 4 equals 6.  
The dividend is 24.  
The divisor is 4.  
The quotient is 6.

$$\begin{array}{r} 7 \\ 3 \overline{) 21} \end{array}$$

21 divided by 3 equals 7.  
The dividend is 21.  
The divisor is 3.  
The quotient is 7.

$$14 \div 7 = 2$$

14 divided by 7 equals 2.  
The dividend is 14.  
The divisor is 7.  
The quotient is 2.

$$\begin{array}{r} 6 \\ 5 \overline{) 30} \end{array}$$

30 divided by 5 equals 6.  
The dividend is 30.  
The divisor is 5.  
The quotient is 6.

using long division method, divide and write the quotient and remainder.

1.  $59 \div 7 = \underline{08}$

Q = 8 R = 3

$$\begin{array}{r} 8 \\ 7 \overline{) 59} \\ - 56 \\ \hline 03 \end{array}$$

2.  $37 \div 5 = \underline{05}$

Q = 5 R = 2

$$\begin{array}{r} 05 \\ 5 \overline{) 37} \\ - 35 \\ \hline 02 \end{array}$$

3.  $44 \div 6 = \underline{7}$

Q = 7 R = 2

$$\begin{array}{r} 7 \\ 6 \overline{) 44} \\ - 42 \\ \hline 02 \end{array}$$

4.  $98 \div 12 = \underline{\quad}$

Q = 8 R = 2

$$\begin{array}{r} 8 \\ 12 \overline{) 98} \\ - 96 \\ \hline 02 \end{array}$$